

WHAT IS CLAIMED IS:

1. An electronic apparatus capable of facsimile transmission of two-side image data, comprising:

5 facsimile transmission means adapted, in case of collective transmission of image data of plural sets mixedly including a set or sets of two-side image data and a set or sets of one-side image data in continuous manner to a same partner station, to
10 collectively transmit the image data of plural sets to the same partner station by once disconnecting a communication line and then again connecting the communication line between the transmission of the set or sets of the two-side image data and that of
15 the set or sets of the one-side image data; and

control means adapted, in case said two-side image data or said one-side image data are plural sets of image data, for causing said facsimile transmission means to collectively transmit said
20 plural sets of image data without disconnecting the communication line to said partner station.

2. An apparatus according to claim 1, wherein said control means is adapted, in collective
25 transmission of a set or sets of two-side image data and a set or sets of the one-side image data to a same partner station, in case of transmitting the set

or sets of the two-side image data using the two-side procedure based on the ITU-T Recommendation, in case said two-side image data or said one-side image data are plural sets of image data, for causing said
5 facsimile transmission means to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

3. An apparatus according to claim 1, wherein,
10 in case of transmitting a set or sets of two-side image data in collective transmission for transmitting the images of plural sets to a same partner station, if the last reverse side to be transmitted does not contain image data, said control
15 means is adapted for causing said facsimile transmission means to transmit all blank information as the image data of said last reverse side.

4. An apparatus according to claim 1, wherein,
20 in collective transmission for transmitting a set or sets of two-side image data and a set or sets of one-side image data to a same partner station, if said partner station is identified to be incapable of two-side reception, said control means causes said two-
25 side image data to be collectively transmitted using the one-side procedure.

5. An apparatus according to claim 4, wherein,
in collective transmission for transmitting a set or
sets of two-side image data and a set or sets of one-
side image data to a same partner station, if said
5 partner station is identified to be incapable of two-
side reception, said control means causes all said
sets of two-side image data and one-side image data
to be collectively transmitted using the one-side
procedure without disconnecting the communication
10 line.

6. A control method for an electronic
apparatus capable of facsimile transmission of two-
side image data, comprising:

15 a facsimile transmission step adapted, in case
of collective transmission of image data of plural
sets mixedly including a set or sets of two-side
image data and a set or sets of one-side image data
in continuous manner to a same partner station, to
20 collectively transmit the image data of plural sets
to the same partner station by once disconnecting a
communication line and then again connecting the
communication line between the transmission of the
set or sets of the two-side image data and that of
25 the set or sets of the one-side image data; and

a control step adapted, in case said two-side
image data or said one-side image data are plural

sets of image data, for causing said facsimile transmission step to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

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7. A method according to claim 6, wherein said control step is adapted, in collective transmission of a set or sets of two-side image data and a set or sets of the one-side image data to a same partner station, in case of transmitting the set or sets of the two-side image data using the two-side procedure based on the ITU-T Recommendation, in case said two-side image data or said one-side image data are plural sets of image data, for causing said facsimile transmission step to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

8. A method according to claim 6, wherein, in case of transmitting a set or sets of two-side image data in collective transmission for transmitting the images of plural sets to a same partner station, if the last reverse side to be transmitted does not contain image data, said control step is adapted for causing said facsimile transmission step to transmit all blank information as the image data of said last reverse side.

9. A method according to claim 6, wherein, in collective transmission for transmitting a set or sets of two-side image data and a set or sets of one-side image data to a same partner station, if said
5 partner station is identified to be incapable of two-side reception, said control step causes said two-side image data to be collectively transmitted using the one-side procedure.

10 10. A method according to claim 9, wherein, in collective transmission for transmitting a set or sets of two-side image data and a set or sets of one-side image data to a same partner station, if said partner station is identified to be incapable of two-
15 side reception, said control step causes all said sets of two-side image data and one-side image data to be collectively transmitted using the one-side procedure without disconnecting the communication line.

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11. A storage medium storing a computer program for the implementation of a control method for an electronic apparatus capable of facsimile transmission of two-side image data, comprising:

25 a facsimile transmission step adapted, in case of collective transmission of image data of plural sets mixedly including a set or sets of two-side

image data and a set or sets of one-side image data in continuous manner to a same partner station, to collectively transmit the image data of plural sets to the same partner station by once disconnecting a
5 communication line and then again connecting the communication line between the transmission of the set or sets of the two-side image data and that of the set or sets of the one-side image data; and

a control step adapted, in case said two-side
10 image data or said one-side image data are plural sets of image data, for causing said facsimile transmission step to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

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12. A storage medium according to claim 11, wherein said control step is adapted, in collective transmission of a set or sets of two-side image data and a set or sets of the one-side image data to a
20 same partner station, in case of transmitting the set or sets of the two-side image data using the two-side procedure based on the ITU-T Recommendation, in case said two-side image data or said one-side image data are plural sets of image data, for causing said
25 facsimile transmission step to collectively transmit said plural sets of image data without disconnecting the communication line to said partner station.

13. A storage medium according to claim 11,
wherein, in case of transmitting a set or sets of
two-side image data in collective transmission for
transmitting the images of plural sets to a same
5 partner station, if the last reverse side to be
transmitted does not contain image data, said control
step is adapted for causing said facsimile
transmission step to transmit all blank information
as the image data of said last reverse side.

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14. A storage medium according to claim 11,
wherein, in collective transmission for transmitting
a set or sets of two-side image data and a set or
sets of one-side image data to a same partner station,
15 if said partner station is identified to be incapable
of two-side reception, said control step causes said
two-side image data to be collectively transmitted
using the one-side procedure.

20 15. A storage medium according to claim 14,
wherein, in collective transmission for transmitting
a set or sets of two-side image data and a set or
sets of one-side image data to a same partner station,
if said partner station is identified to be incapable
25 of two-side reception, said control step causes all
said sets of two-side image data and one-side image
data to be collectively transmitted using the one-

side procedure without disconnecting the
communication line.